

JOINT RESERVOIR COMMITTEE / AUTHORITY BOARD MEETING

SEPTEMBER 17, 2020

**Agenda Item 3.2: Key Operations Modeling
Parameters and Assumptions**



Background

- The Sites CalSim model will be used the basis:
 - Revised EIR/Supplemental EIS
 - Biological Assessment, State ITP Application, water right application
 - Feasibility report
- During Amendment 1B, the Sites CalSim model was updated and capabilities improved
- Improved capabilities will allow for better information when working with permitting agencies and assessing project benefits

Key Model Assumption Updates

- Use of ROC on LTO BiOps as the baseline
 - Further updates forthcoming based on updated SWP Delivery Capability Report 2019 with SWP ITP actions
- Participation levels to reflect Amendment 2
- Facilities to reflect Value Planning changes
- Reclamation use as Operational Flexibility (as described in the Federal Feasibility Report)

Key Model Capabilities Updated

- Federal participation
 - Reclamation as financial participant
 - Reclamation as exchange partner
 - No federal participation
- State participation
 - Deliveries in coordination with Oroville
 - Deliveries through SWP conveyance facilities only

Key Model Capabilities Updated

- Demands updated and improved ability to track water to participants south-of-Delta
- Diversions and environmental criteria can be more fully adjusted and assessed
 - Bypass and weir flow modeling improved
 - Pulse flow protections refined
 - Delta outflow criteria added
- Ability to model environmental water flexibility improved
 - Working with CDFW to confirm and refine environmental water uses

Next Steps

- Technical review of initial CalSim results
- Iterative model runs to project effects
- Further refinements to diversion criteria
- Perform final modeling with full suite of models
 - Complete December 2020

QUESTIONS?

